

Abstract

dB17 A prosthetic repair fabric and method for repairing an inguinal hernia in the inguinal canal. The prosthesis including a layer of mesh fabric that is susceptible to the formations of adhesions with sensitive tissue and organs, and a barrier layer that inhibits the formation of adhesions with sensitive tissue and organs. The mesh fabric including a medial section and a lateral section that are configured to be positioned adjacent the medial corner and the lateral end of the inguinal canal, respectively, when the prosthesis is placed in the inguinal canal to repair the defect. The barrier layer is positioned on the mesh fabric to inhibit the formation of adhesions between the spermatic cord and the mesh fabric. At least a portion of the lateral section of the mesh fabric is free of the barrier layer on both of its sides to promote enhanced tissue ingrowth therein. The barrier layer may include at least one flap that is to be folded through the mesh fabric to isolate the spermatic cord from internal edges of the fabric when the spermatic cord is routed through the prosthesis.

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